

State of Hawaii
DEPARTMENT OF LAND AND NATURAL RESOURCES
Division of Aquatic Resources
Honolulu, Hawaii 96813

May 13, 2011

Board of Land
and Natural Resources
Honolulu, Hawaii


Request for Approval of Special Activity Permit 2011-63 for
Dr. Alan Friedlander, Pacific Island Ecosystems Research Center, to Conduct Research
on State Regulated Moi and Aholehole on Oahu

The applicant proposes to conduct activities relating to research on the recent regulations on lay gill nets to determine if they have an effect. The research involves the use of unlawful small mesh nets to catch and release various nearshore marine fish species to determine recruitment rates and other information. The taking and keeping of the regulated juvenile moi and aholehole is also part of another study on diet, age, and growth in these two species.

RECOMMENDATION:

“That the Board authorize and approve, with stated conditions, this Special Activity Permit for Dr. Alan Friedlander, Pacific Island Ecosystems Research Center.”

Respectfully submitted,



FRANCIS OISHI
Program Manager

APPROVED FOR SUBMITTAL:



WILLIAM J. AILA, JR.
Chairperson



STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
DIVISION OF AQUATIC RESOURCES
1151 PUNCHBOWL STREET, ROOM 330
HONOLULU, HAWAII 96813

WILLIAM J. AILA, JR.
CHAIRPERSON
BOARD OF LAND AND NATURAL RESOURCES
COMMISSION ON WATER RESOURCE MANAGEMENT

GUY KAULUKUKUI
FIRST DEPUTY

WILLIAM M. TAM
DEPUTY DIRECTOR - WATER

AQUATIC RESOURCES
BOATING AND OCEAN RECREATION
BUREAU OF CONVEYANCES
COMMISSION ON WATER RESOURCE MANAGEMENT
CONSERVATION AND COASTAL LANDS
CONSERVATION AND RESOURCES ENFORCEMENT
ENGINEERING

FORESTRY AND WILDLIFE
HISTORIC PRESERVATION
KAHOOLAWE ISLAND RESERVE COMMISSION
LAND
STATE PARKS

May 13, 2011

TO: Division of Aquatic Resources File

THROUGH: William J. Aila, Jr., Chairperson

FROM: Robert Nishimoto, Environmental Program Manager
Division of Aquatic Resources

JO for PN

SUBJECT: Declaration of Exemption from the Preparation of an Environmental Assessment under the Authority of Chapter 343, HRS, and Chapter 11-200, HAR, for a Special Activity Permit to Dr. Alan Friedlander, Pacific Island Ecosystems Research Center.

The following permitted activities are found to be exempted from preparation of an environmental assessment under the authority of Chapter 343, HRS and Chapter 11-200, HAR:

Project Title: Special Activity Permit to Dr. Alan Friedlander, Pacific Island Ecosystems Research Center, for the take and release of regulated marine fishes from four sites in the waters off Oahu and the taking of two genera of regulated marine fishes, oio and aholehole.

Permit Number: SAP 2011-063

Project Description: The permit, as described below, would authorize the taking of certain regulated marine fish species, from May 13, 2011 through May 12, 2012. The taking of these species is prohibited under various sections in chapter 13-95, Hawaii Administrative Rule, unless authorized by a permit issued under section 187A-6, Hawaii Revised Statutes. The four study sites are at Kailua Bay, Waimanalo Bay, Kahana Bay, and Punaluu off Oahu.

The purpose of this long-term study is to assess the impacts of the Department's 2007 regulations on lay nets on certain nearshore fish populations. The study will monitor two areas, one where lay netting is prohibited (Kailua Bay) compared to an area where lay netting is allowed (Waimanalo). Species abundance and size frequencies will be monitored to document changes over time. All fishes captured by beach seine in this part of the study will be identified, measured, and released where caught. Seines will be conducted monthly at all four sites.

In the second part of the study, four species (*Kuhlia sandvicensis* & *K. xenura*, *Albula glossodonta* & *A. virgata*) in two genera (*Kuhlia* and *Albula*) will be taken to collect otoliths to determine age and growth data. Gut contents will be taken from oio, *Albula glossodonta* and *Albula virgata*, to determine diet and habitat preferences for juveniles.

Consulted Parties: Not applicable.

Exemption Determination: After reviewing HAR § 11-200-8, including the criteria used to determine significance under HAR § 11-200-12, DLNR has concluded that the activities under this permit would have minimal or no significant effect on the environment and that issuance of the permit is categorically exempt from the requirement to prepare an environmental assessment based on the following analysis:

1. All activities associated with this permit have been evaluated as a single action. Since this permit involves an activity that is precedent to a later planned activity, i.e., the repeated methodologies throughout the permit period, the categorical exemption determination here will treat all planned activities as a single action under § 11-200-7, HAR.

2. The Exemption Class for Scientific Research with no Serious or Major Environmental Disturbance Appears to Apply. HAR § 11-200-8(a)(5) exempts the class of actions that involve “basic data collection, research, experimental management, and resource evaluation activities which do not result in a serious or major disturbance to an environmental resource.” This exemption class has been interpreted to include the study of nearshore marine fish species, such as those being proposed.

The proposed activities here appear to fall squarely under the exemption classes identified under HAR §§11-200-8(a)(1), 11-200-8(a)(5) and as described under the 1976 exemption list class items. As discussed below, no significant disturbance to any environmental resource is anticipated. Thus, so long as the below considerations are met, an exemption class should include the action now contemplated.

3. Cumulative Impacts of Actions in the Same Place and Impacts with Respect to the Potentially Particularly Sensitive Environment Will Not be Significant. Even where a categorical exemption appears to include a proposed action, the action cannot be declared exempt if “the cumulative impact of planned successive actions in the same place, over time, is significant, or when an action that is normally insignificant in its impact on the environment may be significant in a particularly sensitive environment.” HAR § 11-200-8(b) To gauge whether a significant impact or effect is probable, an exempting agency must consider every phase of a proposed action, any expected primary and secondary consequences, the long-term and short-term effects of the action, the overall and cumulative effect of the action, and the sum effects of an action on the quality of the environment. HAR § 11-200-12.

Significant cumulative impacts are not anticipated as a result of this activity, and numerous safeguards further ensure that the potentially sensitive environment of the project area will not be significantly affected. All activities will be conducted in a manner that does not diminish marine resources, qualities, and ecological integrity, or have any indirect, secondary, cultural, or cumulative effects. The majority of fishes will be caught and released. Those few fish kept for otolith extraction will not threaten the survival of the species.

Since no significant cumulative impacts or significant impacts with respect to any particularly sensitive aspect of the project area are anticipated, the categorical exemptions identified above should remain applicable.

4. Overall Impacts will Probably have a Minimal or No Significant Effect on the Environment.

Any foreseeable impacts from the proposed activity will probably be minimal, and further mitigated by general and specific conditions attached to the permit. Specifically, all research activities covered by this permit will be carried out with strict safeguards for the natural, historic, and cultural resources, other applicable law and agency policies and standard operating procedures.

Conclusion. Upon consideration of the permit to be approved by the Board of Land and Natural Resources, the potential effects of the above listed project as provided by Chapter 343, HRS, and Chapter 11-200, HAR, have been determined to be of probable minimal or no significant effect on the environment and exempt from the preparation of an environmental assessment.

William J. Aila, Jr. Chairperson,
Board of Land and Natural Resources

Date

Department of Land & Natural Resources
DIVISION OF AQUATIC RESOURCES
1151 Punchbowl Street, Room 330
Honolulu, Hawaii 96813

Date Issued: May 13, 2011

Valid not longer than May 12, 2012

SPECIAL ACTIVITY PERMIT

The Department of Land and Natural Resources hereby grants permission for certain activities involving aquatic organisms belonging to the people of Hawaii, under Section 187A-6, Hawaii Revised Statutes, and other applicable laws.

The Permittee is

Name: Dr. Alan Friedlander

Address: Pacific Island Ecosystems Research
Center
677 Ala Moana Blvd, Suite 615
Honolulu, HI 96813

This permit is issued, subject to the general and special conditions, for the collection and release of various live regulated and non-regulated marine life listed below with the use of small mesh nets at four sites on Oahu for a study on the Department's lay net ban.

Common Name	Scientific Name	Number Specimen	Location See Special Conditions II.B.
Mullet	<i>Mugil cephalus</i>	Catch & release	Kailua, Waimanalo, and Kahana Bays and Punaluu, Oahu
Moi	<i>Polydactylus sexfilis</i>	Catch & release	"
Omilu	<i>Caranx melampygus</i>	Catch & release	"
Iao	<i>Atherinomorus insularum</i>	Catch & release	"
Oio	<i>Albula sp</i>	100 – any size	"
Aholehole	<i>Kuhlia sp</i>	100 – 10cm	"

I. GENERAL CONDITIONS:

- A. This permit does not make the Department of Land and Natural Resources or the State of Hawaii liable in any way for any claim of personal injury or property damage to the permittee or assistants which may occur during any activity conducted under this permit; moreover, the permittee and all assistants agree to hold the State harmless against any and all claims of personal injury, death or property damage resulting from activities of the permittee or any assistant.

Special Activity Permit
No. 2011-63

- B. This permit conveys a privilege to engage in only those activities under the jurisdiction of the Department of Land and Natural Resources. The permittee is responsible for complying with all applicable County, State, and Federal requirements. The permit does not convey any privilege of access over or through private property.
- C. The permittee and each assistant are individually responsible and accountable for their actions while conducting activities authorized under this permit; additionally, the permittee is responsible and accountable for the actions of the permittee's assistants.
- D. This permit is not transferable or assignable. Any person whose name does not appear on this permit and is conducting any activity described herein is subject to prosecution for violation of State laws.
- E. The permittee may request changes to the permit. Any such request to make changes to the permit must be made in writing and received by the Department at least thirty days prior to the change. The addition of new assistants will require each individual to sign the Attachment on page 6 stating that they have read, understood, and agree to abide by all general and special permit conditions. No change may be implemented without written approval from the Department.
- F. The permittee may request to:
 - 1. Add assistants to the permit;
 - 2. Add another permittee or replace an existing permittee in the manner stated above; and
 - 3. Change the activities authorized under this permit.
- G. The permittee or their assistant(s) must have with them a copy of this permit while conducting activities authorized by this permit.
- H. This permit authorizes collection of organisms protected by Federal law only with prior appropriate Federal authority, which must be described on Page 1 of this permit (if applicable).
- I. This permit does not authorize the sale of any collected organism.
- J. This permit expires on the date indicated on Page 1. Within one month of the expiration date, the permittee must return this permit to the address listed on the upper left corner of page 1 with complete information on all activities authorized under this permit, on the attached Activity Report form.
- K. The permittee and assistants agree to provide access to data obtained under authority of this permit upon request of the Division of Aquatic Resources, and to provide to the Division a copy of each report, published for distribution, prepared with data obtained under this permit. The permittee agrees to provide the Division of Aquatic

Special Activity Permit
No. 2011-63

Resources access to organisms obtained and held under this permit for on-site inspection.

- L. The permittee agrees to notify the island office of the Division of Conservation and Resources Enforcement at least 24 hours prior to any authorized activity being conducted in the field. Please provide the permittee name, the permit number, the date, time, and location of the planned activity, and contact information.
- M. A violation of any terms or condition of this permit or any violation of State law not covered by this permit may result in revocation of the permit and other penalties as provided by law. In addition, the Department may consider any such violation as grounds for denying any future application for this or any other permit issued by the Department.

II. SPECIAL CONDITIONS

- A. This permit authorizes the collection of those regulated marine fish species listed on page 1. All samples, except the two identified, will be held temporarily on site in oxygenated barrels, identified, and then released alive on site. Two genera, the oio and aholehole may be taken for age, growth, and diet information up to the sizes and numbers listed.
- B. The permit also authorizes the use of a small mesh seine net (24 meters length x 1.8 meter high x 1-inch mesh) only in the waters at Kailua, Waimanalo, and Kahana Bays and Punaluu on Oahu.
- C. The primary permittee and designated assistants are required to obtain permission before entering upon lands or waters not under the jurisdiction of the Department.
- F. This permit does not by implication authorize the primary permittee or any designated assistant to engage in any other activity that is in violation of any other State, Federal or County law, regulation or ordinance.

WILLIAM J. AILA, JR., Chairperson
Department of Land and Natural Resources

cc: (x) DOCARE

SIGNATURES AND AGREEMENT

By my signature below, I acknowledge receipt and understanding of the general and special conditions of this Special Activity Permit. Further, I agree to abide by all of these conditions when conducting activities authorized by this permit.

PRINCIPAL PERMITTEES: Alan Friedlander
Dr. Alan Friedlander

DESIGNATED ASSISTANTS:

Signature: Paolo Usseglio

Print Name: Paolo Usseglio

Signature: Ilysa Iglesias

Print Name: Ilysa Iglesias

Signature: Mary Donovan

Print Name: Mary Donovan

Signature: Kosta Stamoulis

Print Name: Kosta Stamoulis

Signature: Kim Harding

Print Name: Kim Harding

Signature: Hal Koike

Print Name: Hal Koike

Signature: _____

Print Name: _____

Signature: _____

Print Name: _____

Signature: _____

Print Name: _____

Signature: _____

Print Name: _____

Signature: _____

Print Name: _____

Signature: _____

Print Name: _____

SIGNATURES AND AGREEMENT

By my signature below, I acknowledge receipt and understanding of the general and special conditions of this Special Activity Permit. Further, I agree to abide by all of these conditions when conducting activities authorized by this permit.

PRINCIPAL PERMITTEES: _____
Dr. Alan Friedlander

DESIGNATED ASSISTANTS:

Signature: _____	Signature: _____
Print Name: _____	Print Name: _____
Signature: _____	Signature: _____
Print Name: _____	Print Name: _____
Signature: _____	Signature: _____
Print Name: _____	Print Name: _____
Signature: _____	Signature: _____
Print Name: _____	Print Name: _____
Signature: _____	Signature: _____
Print Name: _____	Print Name: _____
Signature: _____	Signature: _____
Print Name: _____	Print Name: _____
Signature: _____	Signature: _____
Print Name: _____	Print Name: _____
Signature: _____	Signature: _____
Print Name: _____	Print Name: _____

ACTIVITY REPORT

Results of all activities performed under authority of this permit must be reported on this form (or copies) within one month after the permit expires (see first page). Use as many sheets as you need. Submit the report to the Division of Aquatic Resources at 1151 Punchbowl Street, Room 330, Honolulu, HI 96813.

Date	Location	Common or Scientific Name	Quantity Collected*	Disposition of Specimens
------	----------	------------------------------	------------------------	-----------------------------

Permittee Signature

Dr. Alan Friedlander
Printed name

Signature

Date

*If salvaged (collected because the specimen was dead or injured already), please detail circumstances: condition (dead, or describe extent of injury), how or from whom the specimen was obtained.

ATTACHMENT FOR DESIGNATED ASSISTANTS ONLY

Primary Permittee: Dr. Alan Friedlander

I, being the primary permittee, hereby acknowledge the addition of the following designated assistants.

Dr. Alan Friedlander

Date

ADDITIONAL DESIGNATED ASSISTANTS

We, the undersigned, have read, understand, and agree to all conditions stipulated in the above Special Activity Permit.

Signature _____ Print Name: _____

Signature _____ Print Name: _____

Signature _____ Print Name: _____

Signature _____ Print Name: _____

Signature _____ Print Name: _____

Signature _____ Print Name: _____

Signature _____ Print Name: _____

Signature _____ Print Name: _____

Signature _____ Print Name: _____

Signature _____ Print Name: _____